

## Omya OMYACARB® UTF-FL Calcium Carbonate

Category : Ceramic , Other Engineering Material , Additive/Filler for Polymer

**Material Notes:**

A high purity, ultrafine, wet ground, surface treated natural calcium carbonate available in dry form. Applications: Plastic applications such as rigid PVC and flexible PVC. Paint applications such as water based, solvent based, and high gloss powder coatings. Information supplied by Omya North America.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Omya-OMYACARB-UTF-FL-Calcium-Carbonate.php](http://www.lookpolymers.com/polymer_Omya-OMYACARB-UTF-FL-Calcium-Carbonate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.70 g/cc	2.70 g/cc	
Brightness	95.5 %	95.5 %	Y - Brightness (dry)
Moisture Absorption at Equilibrium	0.050 %	0.050 %	Moisture Loss at 110°C % (dry)
Particle Size	0.70 µm	0.70 µm	Median Diameter
Specific Surface Area	9.5 m <sup>2</sup> /g	9.5 m <sup>2</sup> /g	

Optical Properties	Metric	English	Comments
Refractive Index	1.57	1.57	

Descriptive Properties	Value	Comments
Calcium Carbonate %	98	
FDA	21 CFR 174.5, 175.300, 178.3297	
Hegman (dry)	5.5	
Magnesium Carbonate %	1	
Percent Finer than 1 Microns	65	
Percent Finer than 2 Microns	90	
Pounds Pigment/Solid Gallon (dry)	22.6	
Retained in 325 mesh (dry) ppm	7	
Treatment %	1.1	

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